

CLAIMS

1. An aircraft, comprising an aircraft part with driving means and a body; and an impact reducing device which is movable between an inoperative position in which it is located close to the body and an operative position in which it is moved away from the body so as to first be subjected to impact against the ground and to dampen the impact, wherein the impact reducing device is formed as a plate-shaped element extending in a longitudinal direction of said body in a direction from a rear end to a front end, said plate-shaped element being pivotally connected with said aircraft body at one end so that it can pivot about a substantially horizontal axis and the other end of said plate-shaped element in the inoperative position is located near the aircraft body, while in the operative position it is moved away from the aircraft body.

2. An aircraft as defined in claim 1; and further comprising pivot means for pivotally connected said one end of said plate-shaped element with said body aircraft body for pivoting about said substantially horizontal axis.

3. An aircraft as defined in claim 1; and further comprising spring means for pushing said other end of said plate-shaped element away from said aircraft body.

4. An aircraft as defined in claim 1; and further comprising shock absorbers located between said aircraft body and said plate-shaped element and movable from a position in which they extend substantially horizontally in the inoperative position and a position in which they extend substantially transversely to and downwardly from said aircraft body in said operative position.

5. An aircraft as defined in claim 4, wherein said shock absorbers are pivotable between said positions about a substantially horizontal axis.

6. An aircraft as defined in claim 1; and further comprising motor means with pulley means and cable means arranged so that the cable means are connected with said plate-shaped element and in response to operation of said motor means and turning of said pulley means, said cable means pull the other end of said plate shaped element toward said aircraft body.

7. An aircraft as defined in claim 2; and further comprising air cushion means, and means for inflating said air cushion means.

8. An aircraft as defined in claim 7, wherein said cushion means is located between said plate-shaped element and said aircraft body and is inflatable so that in the operative position it is inflated and occupies a space between the aircraft body and said plate-shaped element.